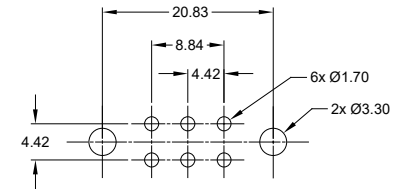


| REVISIONS | | | | | |
|-----------|-----|----------------------|-----------|-------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE | 7JUN2018 | JAH | |
| A2 | - | UPDATE DRAWING | 18/MAR/19 | BROOK | TOMMY |
| A3 | - | MODIFIED DESCRIPTION | 12JUL19 | BROOK | TOMMY |



RECOMMENDED PCB LAYOUT

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC
CONTACT: COPPER ALLOY
PLATING: NICKEL UNDERPLATE
SEE CHART FOR OVERALL FINISH
- MODIFICATIONS: RIGHT ANGLE PCB MOUNT, SNAP FIT, KEYED, HOUSING COLOR
- SPECIFICATIONS:
3.1 CURRENT RATING: 13 AMPS
3.2 OPERATING TEMPERATURE: -55°C TO +125°C
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
3.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT
- MATING PART: AT06-6S* PLUG
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

ATF13-6PX-BM0X VARIANTS

| PART NUMBER | CONTACT PLATING | HSG COLOR |
|---------------|-----------------|-----------|
| ATF13-6P-BM01 | GOLD | BLACK |
| ATF13-6P-BM03 | TIN | BLACK |

| PART NUMBER | CONTACT PLATING | HSG COLOR |
|-------------------|-----------------|-----------|
| ATF13-6P2-BM01BLU | GOLD | BLUE |
| ATF13-6P2-BM03BLU | TIN | BLUE |

| QUANTITY | SEE PART NUMBER CHART | DESCRIPTION | ITEM |
|----------|-----------------------|-------------|------|
| | | | |

| MATERIALS LIST | | |
|---|--|------------------------|
| UNLESS OTHERWISE SPECIFIED | SIGNATURES | DATE |
| 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° | DRAWN: BROOKING CHECKED: ORION LI ENGINEER: APPROVAL: TOMMY XIE | 12/JUL/19 12/JUL/19 |
| MATERIAL SPECIFICATIONS: | CUSTOMER: | |
| PROCESS SPECIFICATIONS: | THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. | |
| NEXT ASSY: | SCALE: NONE | |

Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

RIGHT ANGLE RECEPTACLE, AT 6 PIN, SNAP FIT, BOARDLOCK

SIZE: B C- DWG NO: ATF13-6PX-BM0XXXX REVISION: A3
SHEET 1 OF 1

TITLE: RIGHT ANGLE RECEPT AT 6PIN SNAP FIT BOARDLOCK
DWG NO: ATF13-6PX-BM0XXXX
REV: A3
SH: 1
OF: 1

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